

FIG. 2

—14

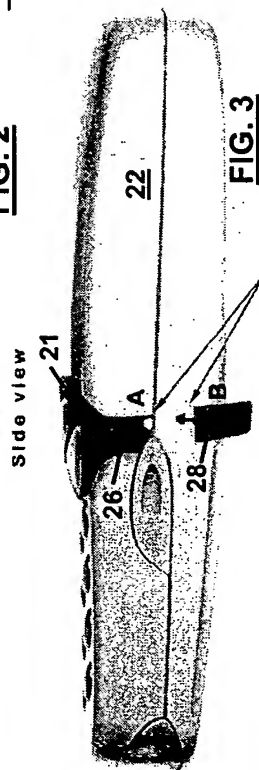


FIG. 3

Part "B" wraps around the back of the phone and clips into part "A" for quick assembly

24

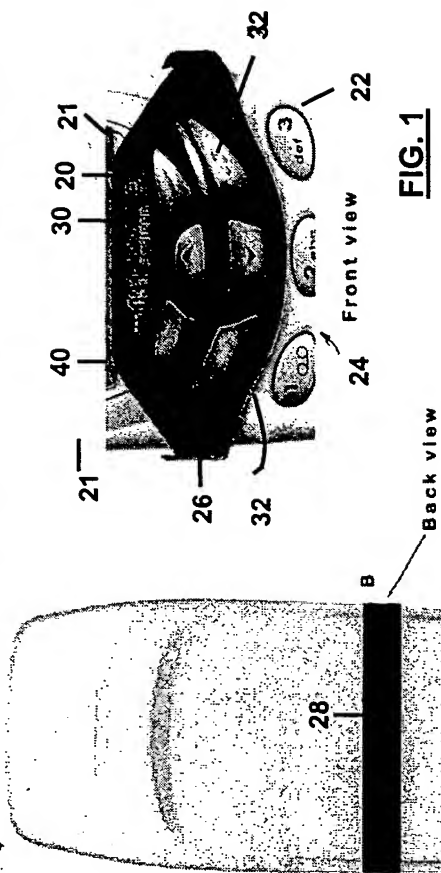
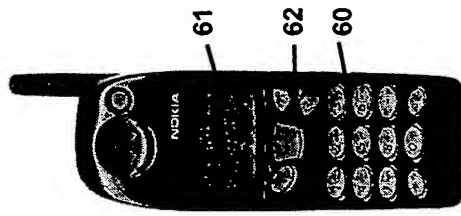


FIG. 4

FIG. 5

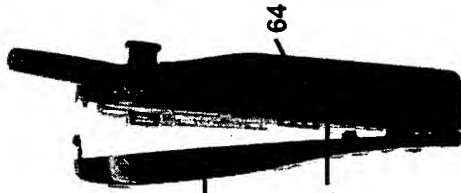


INSTALLATION OF TALK-TIME MANAGER KEYPAD AND FACEPLATE



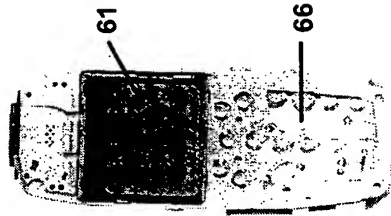
ORIGINAL
PHONE

FIG. 6a



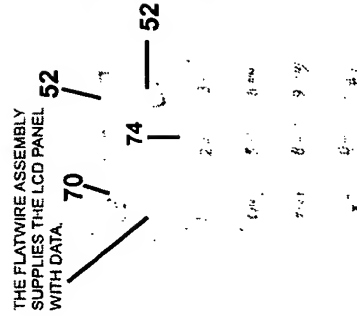
SIMPLY OPEN
FACEPLATE

FIG. 6b



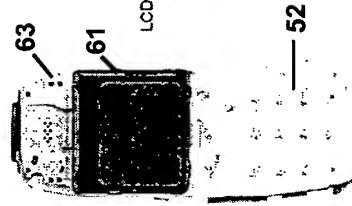
REMOVE KEYPAD

FIG. 6c



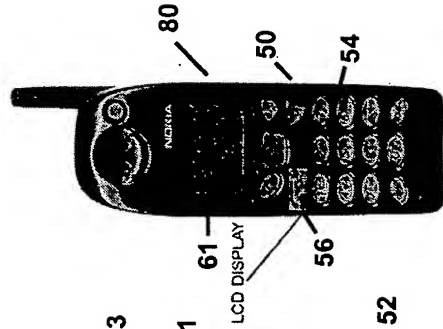
TTM KEYPAD

FIG. 6d



INSTALL TTM
KEYPAD

FIG. 6e



ATTACH TTM
FACEPLATE

FIG. 6f

FIG. 7

Flat wire assembly
that is connected to
the LCD timer

Contact switch

"Send"
76
70
78
72

"End"

Contacts that control the
LCD timer can be located
above, below or molded in
the "send" or "end"
keys of the keypad.

Contacts that control the LCD timer can be located above, below or molded in the "send" or "end" keys of the keypad.

FIG. 8

TALK-TIME MANAGEMENT SOFTWARE

This software is designed to over-ride the existing LCD to display Talk-Time information. This Talk-Time information can also be hidden and retrieved as need.

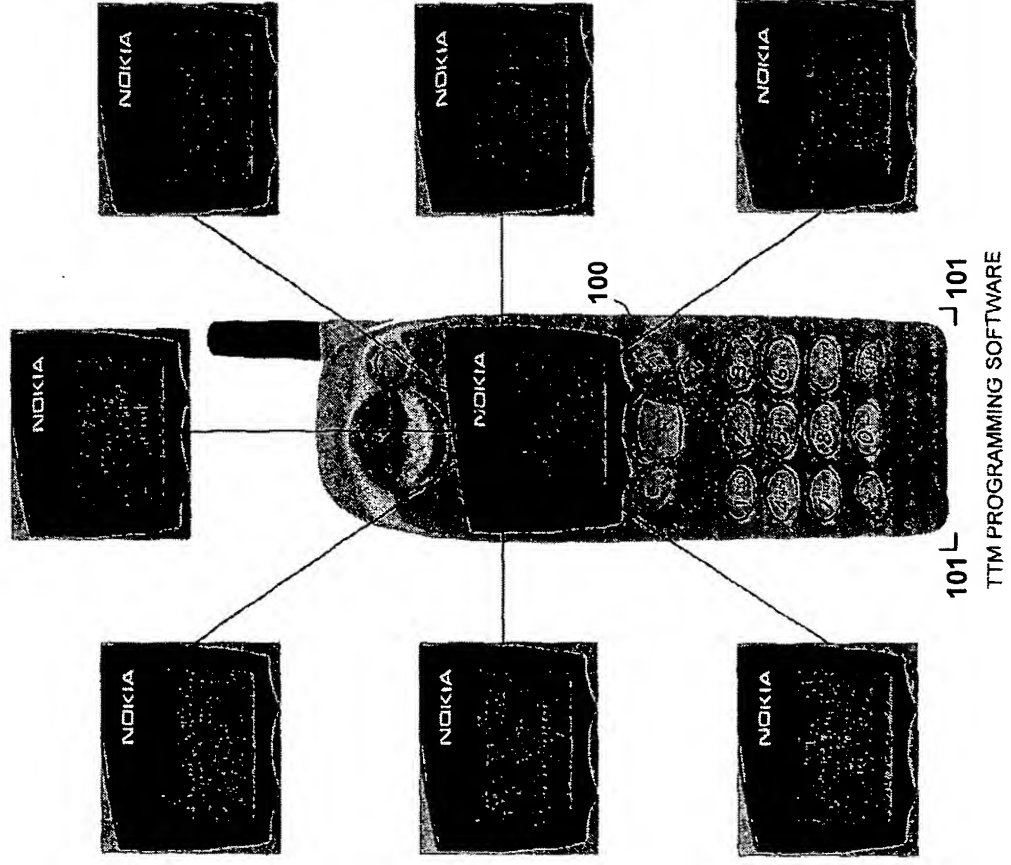
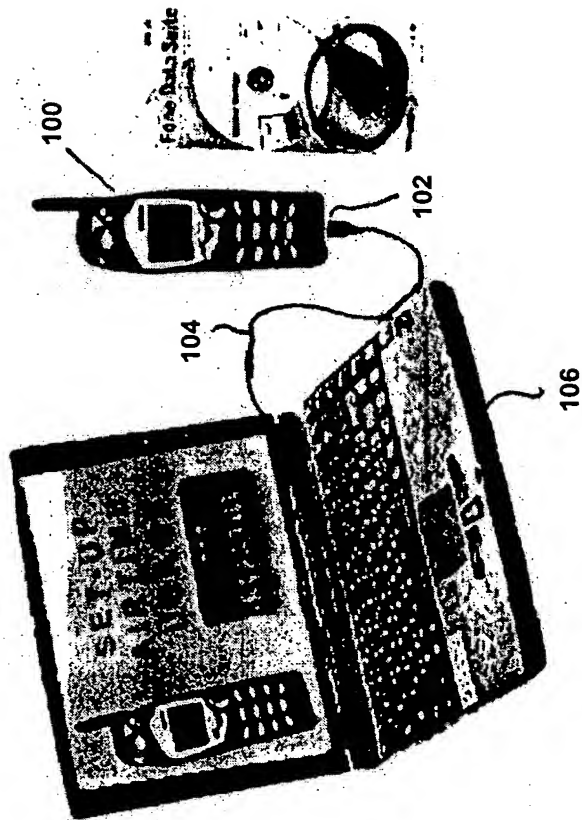


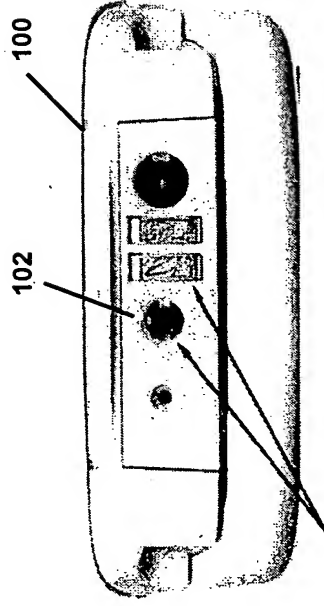
FIG. 9



TTM PROGRAMMING SOFTWARE

FIG. 10

Bottom view



The Data port(s) on mobile phones will connect to a computer to transport programming and data collection information.

PDA/MULTI-TASKING PHONE ARCHITECTURE

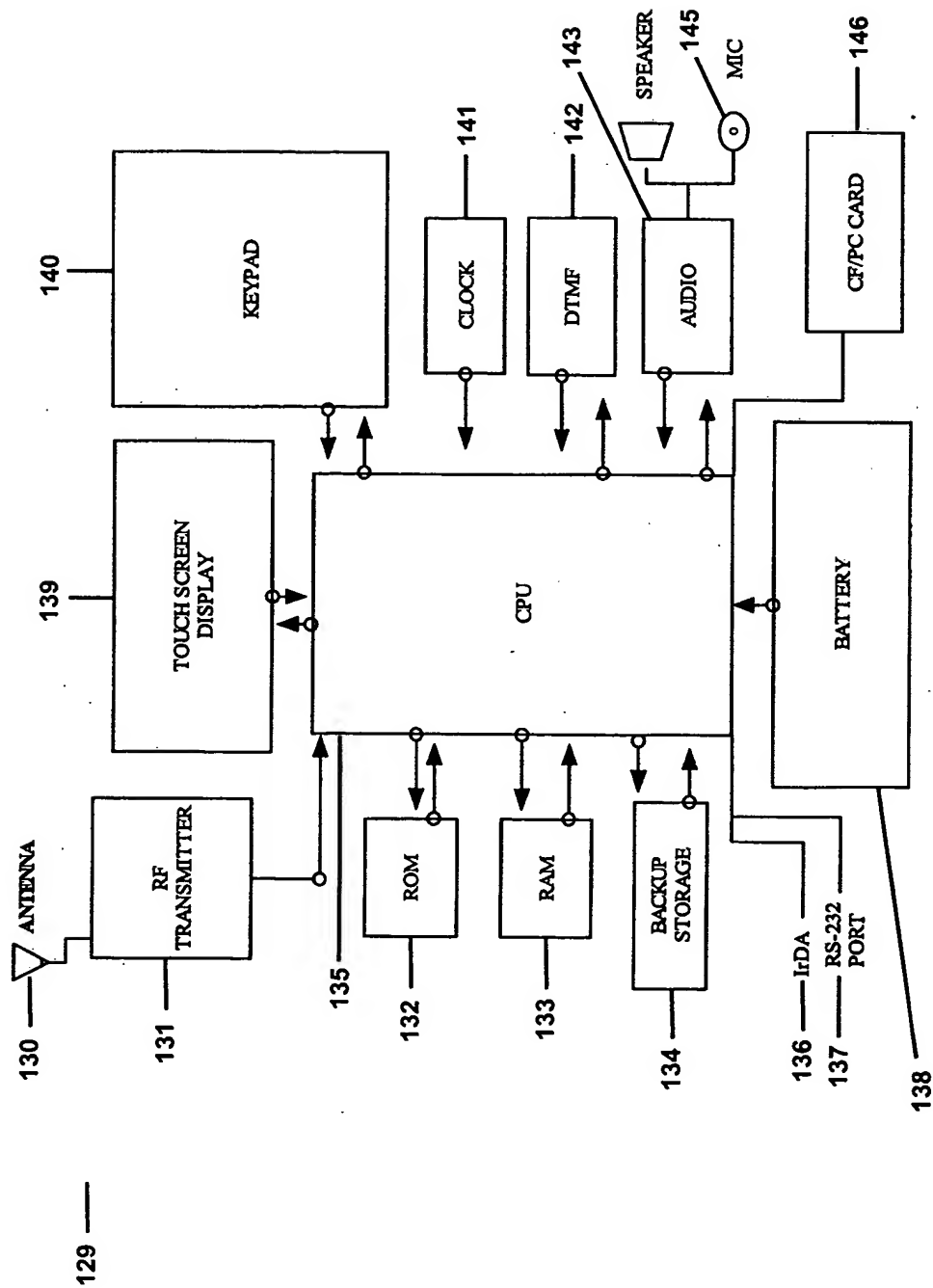


FIG. 12
SCHEMATIC OF A PDA/PHONE HYBRID

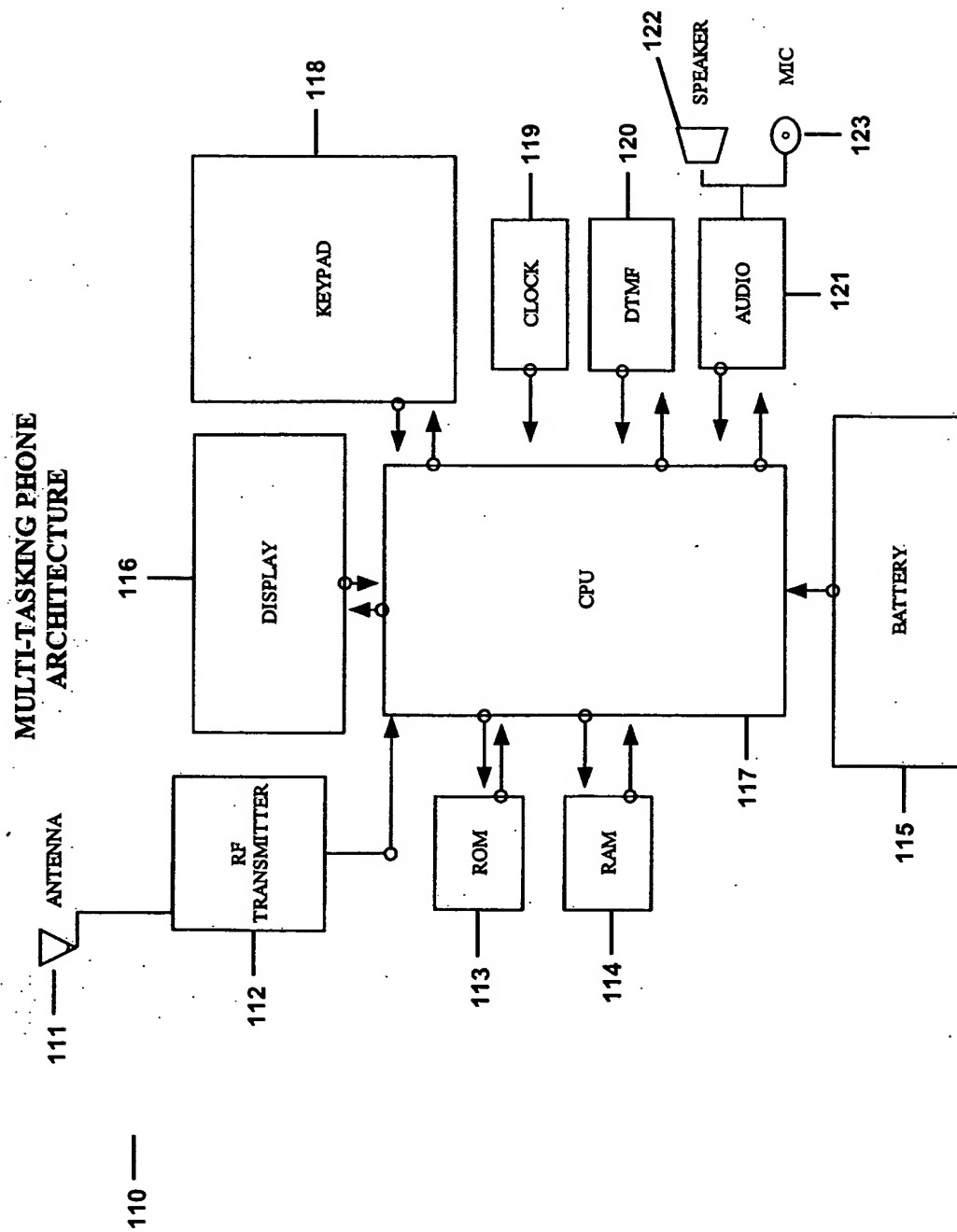


FIG. 11
SCHEMATIC OF A WIRELESS PHONE

OPERATIONAL FLOW CHART

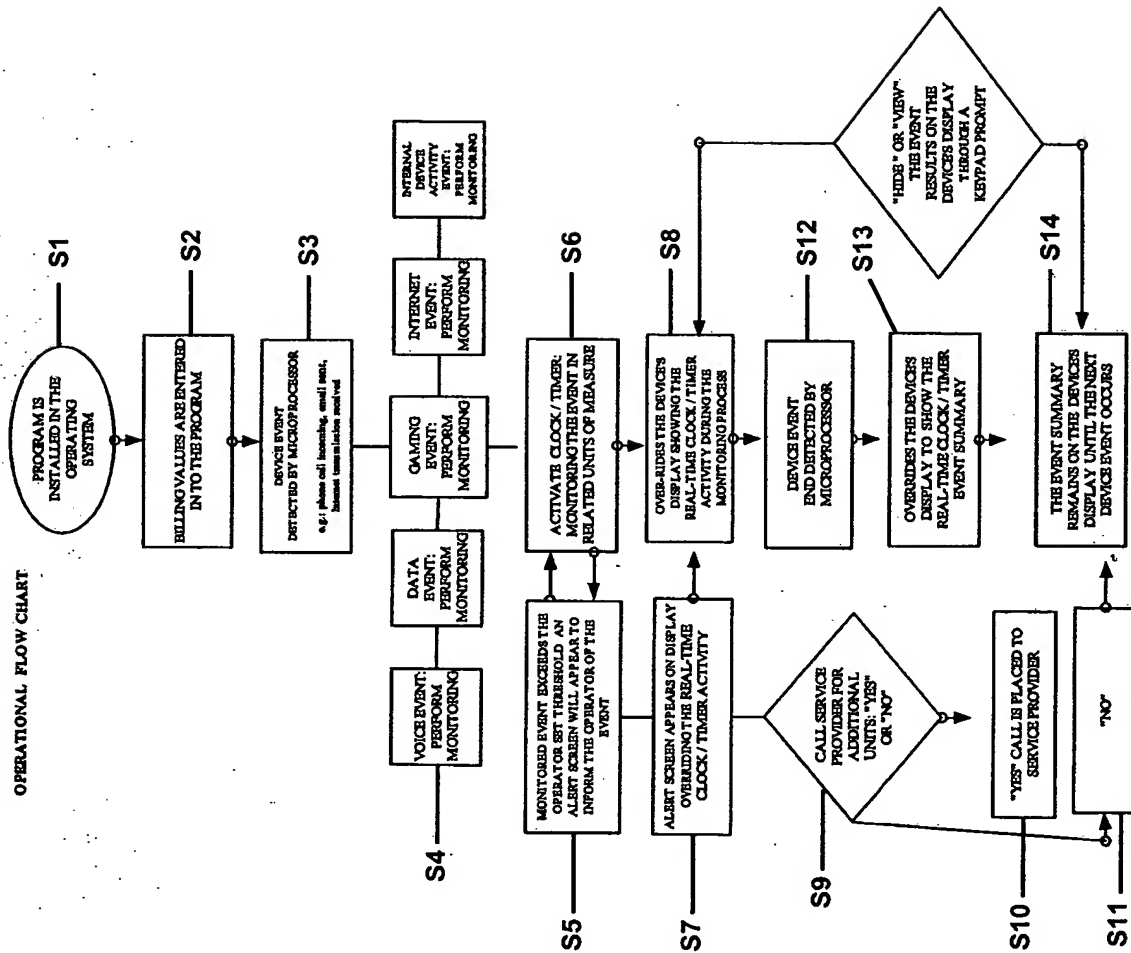


FIG. 13

SOFTWARE OPERATION WHEN A DEVICE EVENT OCCURS

Fig. 14A

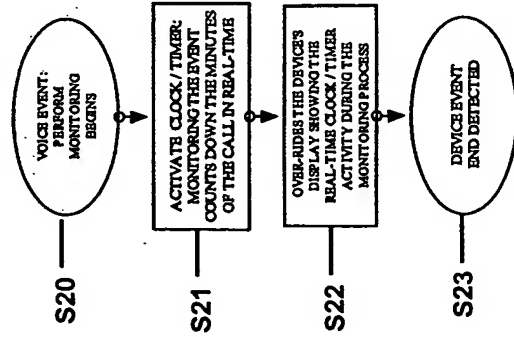


Fig. 14B

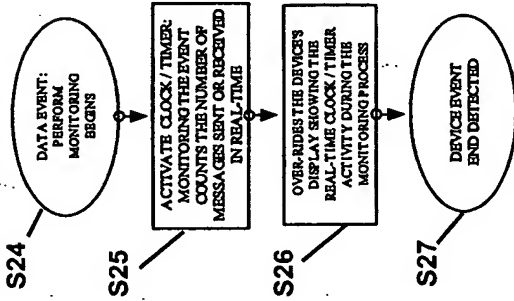


Fig. 14C

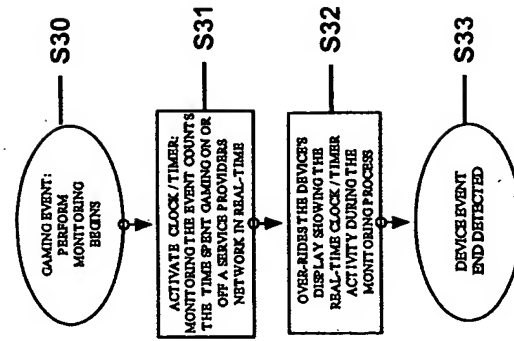


Fig. 14D

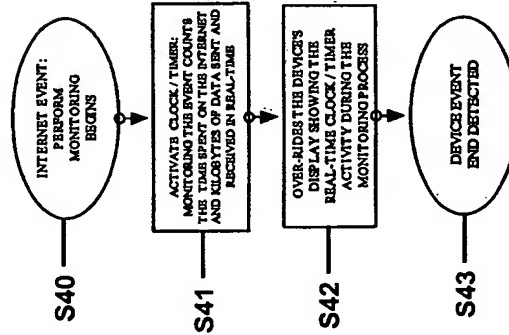


Fig. 14E

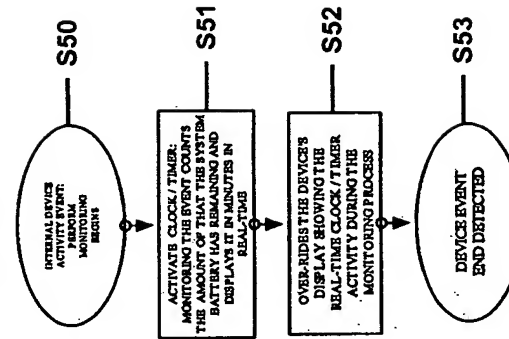


FIG. 14

DETAIL OF SOFTWARE OPERATION BY SPECIFIC DEVICE EVENT

SOFTWARE DETECTION AND ACTIVATION

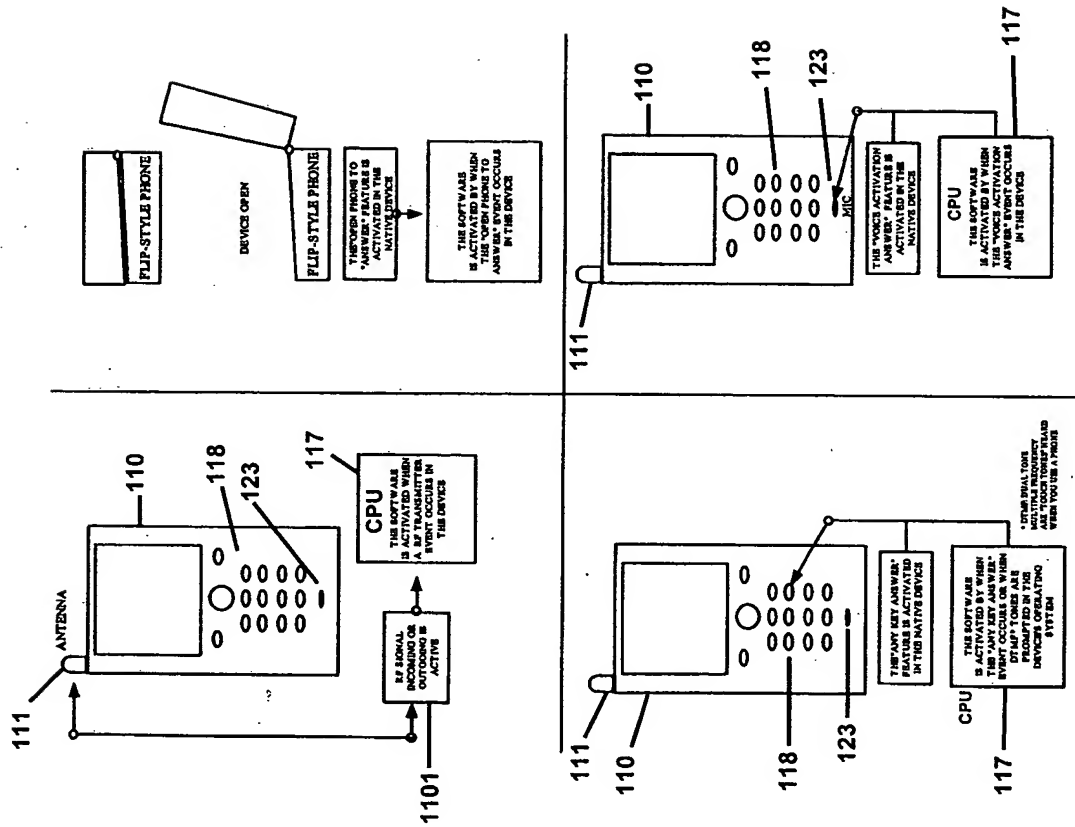


FIG. 15
EXAMPLES OF WAYS TO ACTIVATE THE
SOFTWARE TO MONITOR THE DEVICE EVENT

ORDER FLOW

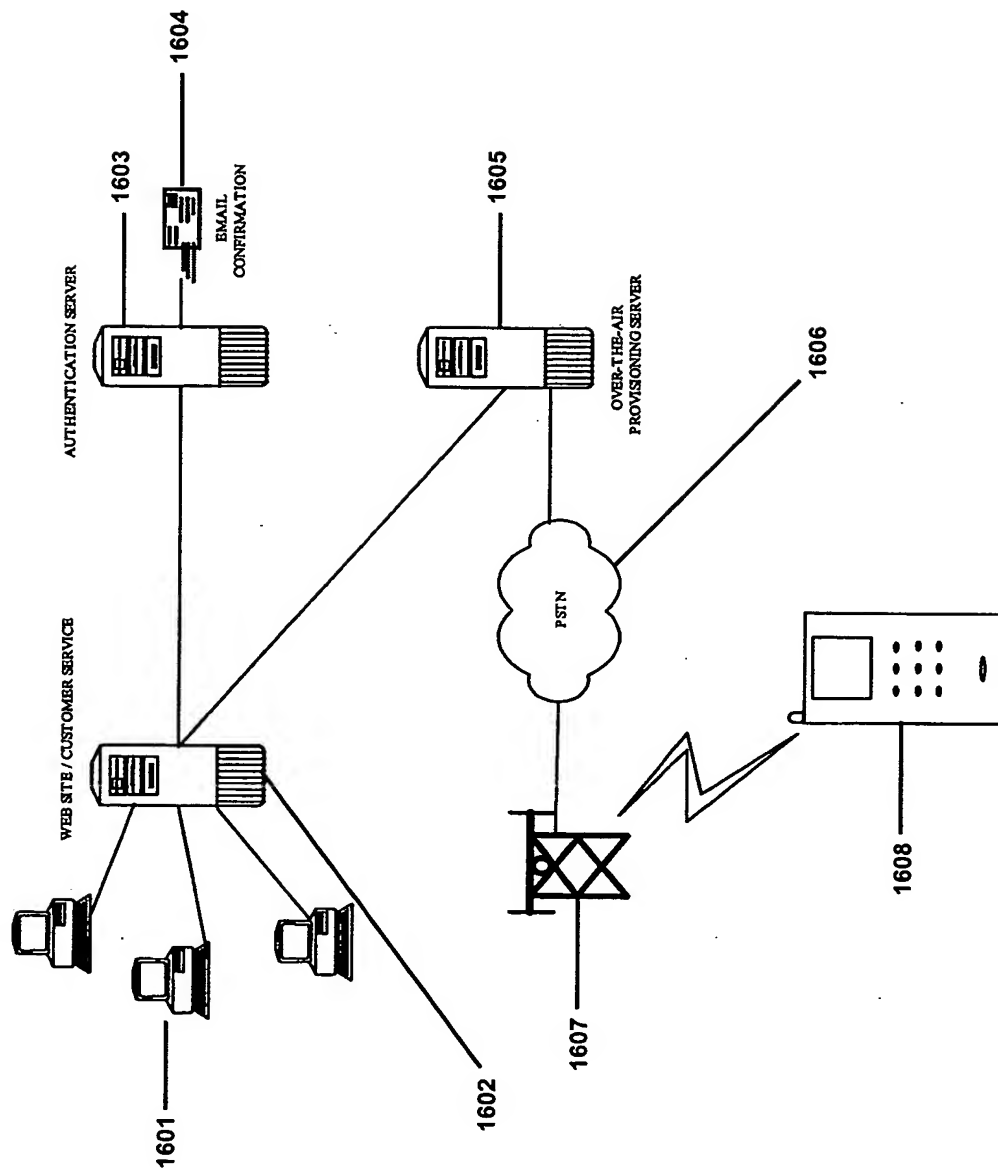


FIG. 16
ORDER PROCESS AND "OVER THE AIR" DELIVERY

Airtime-Manager Order Process

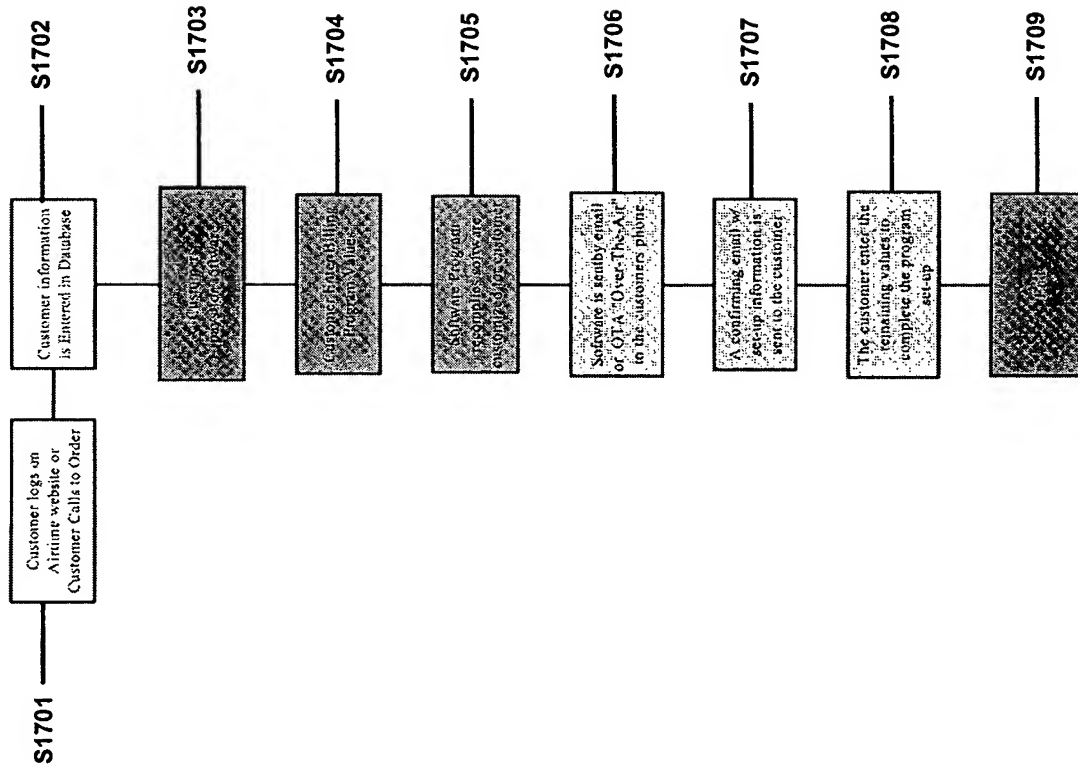


FIG. 17

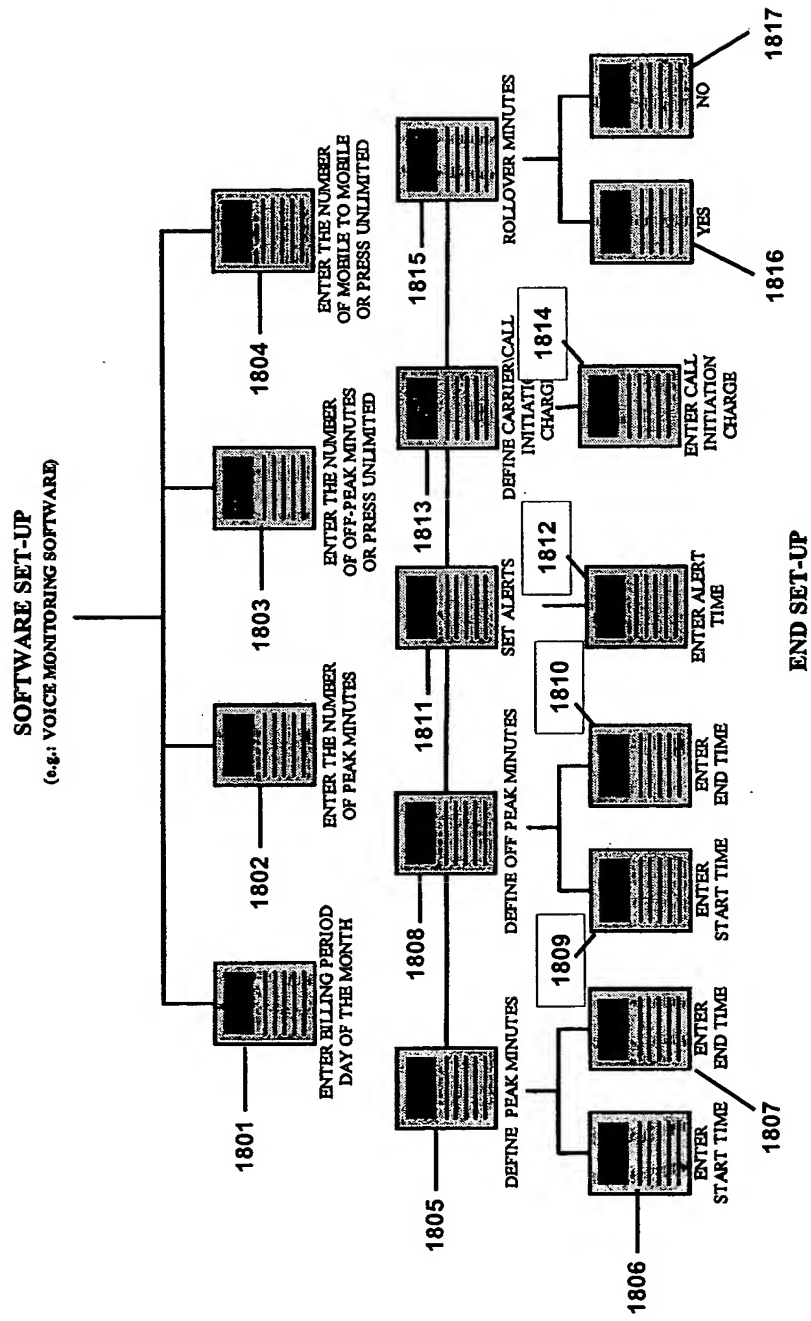


FIG. 18
SOFTWARE SET-UP STEPS